

OPERATIONAL EVOLUTION PLAN (OEP) Commitment Assurance: Implementation/Resource Integration

OEP QUAD	SOLUTION/TITLE	POD/SECONDARY CONTACT	PHONE/LOCATION	SUPPORT OFFICES	ACE	AEA	AGL	ANE	ANM	ASO	ASW	AWP	AAL	
AD-1	Build New Runways		Paul Galis, ARP-1 Sandra Alvarez Michael O'Hara		202-267-8738			ARC-1	ASC-1	ATP-1	ATA-1	ARC-4	ATB-20 AFS-400	
	Runway Template Action Plan (RTAP) Developed to Coordinate Over 350 Activities to Commission New Runways <i>* In Various Stages of Planning</i>			STL '06	IAD '08 <i>*BWI '10 *PHL</i>	CLE '05 MSP '05 <i>*ORD</i>	BOS '06	DEN '03 SEA '09	MIA '03 MCO '04 CVG '06 ATL '06 <i>*TPA</i>	IAH '04 <i>*DFW</i>	<i>*LAX '07 *SFO '10</i>			
AD-2	Use Crossing Runway Procedures		Jim Ballough, AFS-1 Robert Swain Mike Cirillo Bill Voss John McGraw			202-267-3131			ATB-1	ATP-1	ATB-20	AFS-400		
	Implement New Crossing Runway Procedures, (2004 or later), (a)			LGA	ORD			MIA		HNL LAS				
	Implement New Crossing Runway Procedures at Remaining Locations, (2005 or later), (b)			BWI IAD JFK PHL PIT	CLE DTW MSP	BOS BDL		FLL TPA BNA						
AD-3	Redesign Terminal Airspace and Routes		Sabra Kaulia, ATA-1 Edie Parish Carl Zimmerman Nancy Kalinowski	202-267-9205				Regional Air Traffic Managers Regional Airspace and Operations Managers Regional Airspace Focus Leadership Teams Facility Airspace Design Teams	ATA-2	ATA-11	ATA-3	ATP-1	ATT-1	AFS-400 AVN-1
	Routes Independent From Navigation Aids:								AIR-100	ATB-20	ATB-200			

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	Area Navigation (RNAV) Route Development through '04, (RNP 2), (a)			MCI OMA	BWI DCA EWR IAD JFK PCT PHL TEB	DTW MDW MSP ORD	ACK BOS MHT	DEN PDX SLC	ATL CLT CVG FLL MCO MEM MIA TPA	ABQ DFW IAH	HNL LAS LAX OAK ONT PHX RNO SAN SFO SJC SNA	ANC JNU	
	ATL and GSO Runways, (aa)									ATL '05 GSO '05 ZTL '05			
	Area Navigation (RNAV) Route Development '05 through '10 (b)		STL		DTW MSP ORD	BOS	BOI DEN GEG SEA	ATL CVG TPA					
	New York Integrated Control Complex (NYICC), (bb)			N90 '08/'09 LGA '08/'09 EWR '08/'09 JFK '08/'09 TEB '08/'09 ISP '08/'09 MMU '08/'09 PHL '08/'09 ZDC '08/'09 ZNY '08/'09	ZBW '08/09								
	Redesign Terminal Airspace (NAR):												

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	SFO Dual CEDES, ©											SFO '03 ZOA '03 NCT '03	
	LAX Departures, (d)											LAX '03 SCT '03	
	LAX Independent Flows, (e)											LAX '03 SCT '03	
	PHX Southside, (f)									ZAB '03		PHX '03 PHX TRACON '03	
	LAS North Resectorization, (g)											LAS '03 LAS TRACON '03	
	NCT Internal Airspace, (h)											OAK '03 SFO '03 SJC '03 NCT '03	
	SBA Expansion, (i)											SBA '04 ZLA '04	
	HCF Airspace, (j)											HCF '03	

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	SAN East Arrival, (k)											SAN '03 SCT '03	
	Omaha Airspace, (l)			OMA '04 R90 '04									
	Midwest Airspace Plan (STL), (m)			STL '06 T75 '06									
	AGL Midwest Expansion, (n)				PIT '07	C90 '07 CLE '07 DTW '07 MDW '07 MSP '07 ORD '07			CVG '07				
	PCT Airspace, (o)				BWI '03 DCA '03 IAD '03 ZDC '03								
	NY/NJ/PHL Metropolitan Redesign, (p)				N90 '06 JFK '06 EWR '06 TEB '06 LGA '06 PHL'06 MMU '06 ISP '06 ZDC '06 ZNY '06								

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	SEA-PDX Tower En Route, (q)								P80 '03 S46 '03 PDX '03 SEA '03				
	Salt Lake Four Corner Post, ®								S56 '03 SLC '03 ZLC '03				
	Portland TRACON, (s)								P80 '04 PDX '04				
	Denver South Airspace, (t)								D01 '03 DEN '03				
	Anchorage Terminal, (u)												ANC '03
	BCT Airspace, (v)							A90 '04 BOS '04 MHT '04 ZBW '04					
	Houston Redesign - HAATS, (w)								I90 '03 HOU '03 IAH '03 ZHU '03				
	CVG Runway, (x)					ZID '03			CVG '03				
	MIA 4th Runway, (y)								MIA '03 FLL '03 ZMA '03				
	MCO 4th Runway, (z)								MCO '04 ZJX '04				

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AD-4	Fill Gaps in Arrival and Departure Streams			John Thornton, AOZ-1 Tim Gilbert			202-220-3300			ATP-1	ATB-20	AUA-700	
Metering and Merge Planning:													
	Traffic Management Advisor-Single Center (TMA-SC), (a)		ZKC-STL '07						ZID-CVG '05 ZME-MEM '06	ZHU-IAH '03			
Traffic Management Advisor-Multi Center (TMA-MC), (b)													
AD-6	Coordinate for Efficient Surface Movement		Bill Voss, ATB-1 Steve Lang Mike Cirillo Nick Sabatini Ken Leonard		PHL ARTCC '03 -'04 (Trial) BWI DCA IAD PIT	DTW	BOS		AOZ-1 ATP-100	ATP-1 AIR-100	AVR-1 ATB-20	AND-500 ATB-400	SF-21 AFS 400
	Surface Management System (SMS), (a)								MEM '03 (Trial)				
ER-1	Match Airspace Design to Demands		Sabra Kaulia, ATA-1 Edie Parish Carl Zimmerman Nancy Kalinowski		202-267-9205			Regional Air Traffic Managers Regional Air Traffic Airspace and Operations Managers Regional Airspace Focus Leadership Teams Facility Airspace Design Teams ATA-1 ATA-2 ATA-11 ATA-3 ATP-1 ATT-1 AUA-200 ATB-20 ATB-400 AFS-400					
En Route Airspace Optimization and Redesign:													
	Caribbean Reroutes, (a)								ZMA '03 ZJX'03				
	ZAN Ocean Redesign, (b)											ZAN '03	

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	Interior Alaska, ©												ZAN '04
	Southeast Alaska, (d)												JUN '05
	Western Alaska, (e)												ZAN '02
	ZMA/ZHU Gulf Reroutes, (f)									ZMA '05	ZHU '05		
	ZLC Area Realignment, (g)							ZLC '04					
	Great Lakes Corridor, (h)						ZAU '08 ZID '08 ZMP '08 ZOB '08						
	Western Pacific En Route Bay-to-Basin, (i)											ZLA '06 ZOA '06	
	ZDV Airspace, (j)						ZDV '03						
	ZOA/NCT Redesign, (k)											ZOA '03 NCT '03	
	ZTL North/South Flows, (l)						ZAU '03 ZID '03 ZOB '03			ZJX '03 ZME '03 ZTL '03			
	ZSE Airspace, (m)							ZSE '04					
	ZKC East End, (n)				ZKC '04								
	High Altitude Redesign Phase 1 Initial, (o)			ZKC '03		ZAU '03 ZMP '03		ZDV '03 ZLC '03 ZSE '03				ZOA '03	
	High Altitude Redesign Phase 1 Expansion, (p)		ZKC '04		ZAU '04 ZMP '04		ZDV '04 ZLC '04 ZSE '04	ZJX '04 ZMA '04 ZME '04	ZAB '04 ZFW '04 ZTL '04	ZLA '04 ZHU '04 ZOA '04			

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	High Altitude Redesign Phase 2 Expansion, (q)			ZKC '05		ZAU '05 ZMP '05			ZDV '05 ZLC '05 ZSE '05	ZJX '05 ZMA '05 ZME '05 ZTL '05	ZAB '05 ZFW '05 ZHU '05	ZLA '05 ZOA '05	
	ZOA Oceanic Airspace, ®										ZOA '03		
	ZOA/ZAN Airspace, (s)										ZOA '03	ZAN '03	
	High Altitude Redesign Phase 1 Completion, (t)			ZKC '05		ZAU '05 ZMP '05			ZDV '05 ZLC '05 ZSE '05	ZJX '05 ZMA '05 ZME '05 ZTL '05	ZAB '05 ZFW '05 ZHU '05	ZLA '05 ZOA '05	
	High Altitude Redesign Phase 2 Initial, (u)			ZKC '06		ZAU '06 ZMP '06			ZDV '06 ZLC '06 ZSE '06	ZJX '06 ZMA '06 ZME '06 ZTL '06	ZAB '06 ZFW '06 ZHU '06	ZLA '06 ZOA '06	
	Expansion/Completion, (v)			ZKC '07		ZAU '07 ZMP '07			ZDV '07 ZLC '07 ZSE '07	ZJX '07 ZMA '07 ZME '07 ZTL '07	ZAB '07 ZFW '07 ZHU '07	ZLA '07 ZOA '07	
	High Altitude Redesign Phase 3, (w)			ZKC '08		ZAU '08 ZMP '08			ZDV '08 ZLC '08 ZSE '08	ZJX '08 ZMA '08 ZME '08 ZTL '08	ZAB '08 ZFW '08 ZHU '08	ZLA '08 ZOA '08	
ER-2	Collaborate to Manage Congestion		Jack Kies ATT-1		202-267-8721				ATP-1	AOZ-1	AUA-700	ATX-500	
	Improved Collaboration and Communication: '03 -'13												
	S2K+N, (a)												Nationwide
	Information, Data Access and Data Sharing, (b)												Nationwide
	Traffic Management National Log (TMNL), ©												Nationwide
	Route Management: '03 -'13												
	Re Route Advisory Tool (RAT), (d)												Nationwide
	Playbook, (e)												Nationwide

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	Route Management Tool (RMT)/Coded Departure												Nationwide	
	Military Airspace (g)				ZNY ZDC									
	Canadian Airspace (h)				ZNY ZDC	ZAU ZMP ZID ZOB								
	Technology: '03-'13													
	Enhanced Traffic Management System (ETMS), (i)												Nationwide	
	Traffic Situation Display (TSD), (j)												Nationwide	
	Flow Evaluation Area (FEA)/Flow Constraint Area												Nationwide	
	Flight Schedule Monitor Enhancements (FSM), (l)												Nationwide	
	Departure Spacing Program (DSP), (m)				DCA IAD BWI		BOS							
	Research and Development: '03-'13													
	TFM Decision Support Tools Research, (n)												Nationwide	
	Integrated Traffic Flow Management (ITFM), (o)												Nationwide	
	Traffic Flow Management Modernization (TFM-M), (p)												Nationwide	
	System Integration, (q)												Nationwide	
	Training: '03-'13													
	Joint FAA/Airline Training (r)												Nationwide	
ER-3	Reduce Voice Communications			John Thornton, AOZ-1 Tim Gilbert		202-220-3300				ATP-1	AUA-200	AIR-100	ATB-20	AFS-400
	CPDLC, Build 1A, (a)									ZJX '05 ZMA '05				
	CPDLC, National Deployment, (b)			ZKC	ZDC ZNY	ZAU ZMP ZID ZOB	ZBW	ZDV ZLC ZSE	ZJX ZME ZTL	ZAB ZFW ZHU	ZLA ZOA	ZAN		

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ER-4	Reduce Vertical Separation Minimum (RVSM)		Jim Ballough, AFS-1 Robert Swain			202-267-8237 202-267-3734		Avionics System Branch: AIR-130 En Route Operations Procedures: ATP-110 NAS & International Airspace Analysis Branch: AFS-400 ACT-520 AUA-200					
	RVSM (include the Gulf of Mexico), (a)							ZMA '05 ZJX '05		ZHU '05			
	Domestic RVSM (DRVSM), (b)			ZKC '05	ZDC '05 ZNY '05	ZAU '05 ZMP '05 ZID '05 ZOB '05	ZBW '05	ZDV '05 ZLC '05 ZME '05 ZSE '05	ZTL '05 ZID '05	ZAB '05 ZFW '05 ZHU '05	ZLA '05 ZOA '05	ZAN '05	
ER-6	Reduce Oceanic Separation			Mike Cirillo, ATP-1 Dave Ford John McGraw Steve Van Trees		202-267-9155		AUA-600 AFS-400 AIR-100					
	Enhanced Surveillance in FAA Controlled Oceanic:												
	Automatic Dependent Surveillance-Address (ADS-A), (a)				ZNY						ZOA	ZAN	
	Advanced Technologies & Oceanic Procedures (ATOP) Build II, (b)										ZOA '04-05	ZAN '04-05	
	30 nm Lateral and Longitudinal Separation in the South Pacific (30/30) Implementation, ©				ZNY '05						ZOA '05		
	Required Navigation Performance (RNP) Concept, (d)				ZNY								
ER-7	Accommodate User Preferred Routing		John Thornton, AOZ-1 Tim Gilbert		202-220-3300			ATP-1	AUA-200	Interagency IPT			
	Conflict Identification and Planning:												
	User Request Evaluation Tool (URET) Expansion, (a)				ZNY '04	ZMP '03	ZBW '04	ZDV '03 ZLC '03 ZSE '04	ZJX '03 ZMA '04 ZTL '04	ZFW '03 ZAB '03 ZHU '04	ZOA '04 ZLA '04		

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Metering and Merge Planning:													
TMA-SC, (b)				ZKC-STL '07						ZID-CVG '06 ZME-MEM '06	ZHU-IAH '03		
TMA-MC, ©				N90 BWI DCA IAD PHL PIT	DTW	BOS			SDF				
Conflict Resolution and Planning Aids:													
URET CCLD, '02-'04, (d)										Sites TBD			
Problem Analysis, Resolution, and Ranking (PARR), (e)										Sites TBD			

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AW-1	Maintain Runway Use in Reduced Visibility		Mike Cirillo, ATP-1 Dave Peterson John McGraw Tom Accardi Bruce DeCleene	202-267-9155						AND-700 AIR-130	AFS-400 ATB-20	ASC-200 ATS-1	AND-500 AND 400	AVN-1 IPT for Surveillance									
Near Term:																							
Visual Meteorological Conditions (VMC) to Instrument Meteorological Conditions (IMC) Approaches:																							
New Area Navigation (RNAV) Approaches, (a)																							
				DCA '03 IAD '03 '03	LGA PHL '03	MDW '03	PDX '03	TPA '03															
Wide Area Augmentation System (WAAS), (b)																							
								SEA '03															
Local Area Augmentation System (LAAS) to Category I (CAT) Minima, ©																							
						ORD '06	SEA '06	MEM '06	IAH '06	PHX '06													
Long Term:																							
RNP Parallel Approach, (d)																							
						CLE '03	SEA '03						ANC '07										
LPV Procedures, (e)																							
Lateral Navigation (LNAV)/Vertical Navigation (VNAV), (f)																							
AW-2 Space Closer to Visual Standards																							
				Mike Cirillo, ATP-1 Paul Fontaine John Thornton Bill Voss John McGraw Steve Van Trees	202-267-9155																		
CDTI Enhanced Visual Approach (CEFR), (a)																							
									SDF '05														
CDTI (b)																							
									SDF '03 (Trial)														

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AW-3	Reconfigure Airports Efficiently			Bill Voss, ATB-1 Mike Cirillo	Greg Burke		202-385-7645			AUA-1	ATB-20	ATP-1	
Efficient Airport Reconfiguration in Response to Wind Changes:													
	ITWS, (a)			MCI '03 STL '03	Potomac (BWI, DCA, IAD) '03 New York (EWR, JFK, LGA, TEB) '03 PHL '04 PIT '04	ORD '03 CLE '04 DTW '04 IND '04	BOS '04	DEN '04	ATL '02 CVG '04	IAH '03			
AW-4	Enhanced All-Weather Surface Operations			Bill Voss, ATB-1					ATP-100 AND-500 SF-21 AIR-100 ATB-20 AFS-400 AVR-1				
	SF-21, (a)								SDF '05 (Trial)				
AW-5	Maintain Optimum Runway Use at Airports with Closely Spaced Parallel Runways				Mike Cirilo, ATP-1 Bill Voss John McGraw		202-267-9155		ATB-1 AFS-400				
Implement Enhanced Surveillance Capabilities and Procedures to Support Simultaneous Approaches to Closely Spaced Parallel Runways:													
Near Term:													
	PRM, (a)			STL	JFK PHL	MSP CLE		ATL	SFO				
	PRM-SOIA, (b)			STL					SFO				
Mid-Term:													
	PRM-SOIA, ©				DTW		ATL						

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	Wake Turbulence Research and Development Effort to Enhance Operations for Closely Spaced Parallel Runways:												
	Near Term:												
	Initial CSPR Implementation, (d)												
	Mid-Term:												
	Implementation of Revised Separation Standards Based on CSPR Wake Turbulence, (d)												
	Long Term:												
	Construction of New Runways Enabled by the New CSPR Wake Separation Standards, (e)												
	R&D Along Track Separation Concept to Improve Airport Arrival Capabilities in Reduced Visibility Conditions:												
	Near Term:												
	Develop and Validate Approach Procedures Using Collision Risk and Wake Assessments, (f)												
	Sites TBD												
	Sites TBD												
	Sites TBD												

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EW-1	Provide Better Hazardous Weather Data												
								Jack Kies, ATT-1					
										ATP-1 AUA-1 AUA-200 AOZ-1			
										AUA-400 AUA-700 ARU-1 ARS-1			
										ATA-1 AOZ-1 ASD-1			202-267-8271
	Integrate Weather Forecast Into Decision Support Systems: '03												
	Route Availability Planning Tool (RAPT), (a)										Nationwide		
	Enhanced Traffic Management Service (ETMS), (b)										Nationwide		
	Commit to Applications and Training: '03												
	Apply the Weather Forecast, ©										Nationwide		
	Training, (d)										Nationwide		
	Ensure Dissemination and Display of Weather Information: '03												
	WARP PPI, (e)										Nationwide		
	Weather Display on ETMS, (f)										Nationwide		
	Weather and Traffic Database, (g)										Nationwide		
	Improve the Detection and Forecast of Hazardous Weather: '03												
	Thunderstorm Impact Mitigation, (h)										Nationwide		
	Non-Convective Turbulence and Winds Aloft Optimization (i)										Nationwide		
	Icing, (j)										Nationwide		
	Weather Forecast Models, (k)										Nationwide		
	Corridor Integrated Weather System (CWIS), Trials, (l)							LGA '03 JFK '03 EWR '03	ORD '03				
	Aviation Digital Data Service (ADDS), (m)										Nationwide		
	Real Time Verification System (RTVS), (n)										Nationwide		
	Current Icing Potential (CIP), (o)										Nationwide		
	Rapid Update Cycle (RUC), (p)										Nationwide		